



August 1998

1998 Evergreen Award For Pollution Prevention

John Morgan Service

Bellingham, Washington

The Environmental Protection Agency's 1998 Evergreen Award for Pollution Prevention recognizes the outstanding environmental efforts of the John Morgan Service, an automotive service and repair shop located in Bellingham, Washington.

Pollution Prevention Success

- o During auto repair and service, the shop routinely screens incoming vehicles for leaks in order to prevent releases into the local storm drainage system; identified leaks are contained or captured prior to being repaired.
- o Environmentally safe cleansers have replaced solvent- and chlorine-based cleaning products previously used for parts washing, floor cleaning, and repair services.
- o Using state of the art technology, ethylene glycol-based coolant is recycled in the automobiles. This in-shop process removes all impurities, additives and even the dye. Fresh additives are then added which include inhibitors and water pump lube, along with green dye. The process results in continual reuse of ethylene glycol already present in serviced vehicles. The only new anti-freeze used is to strengthen systems.
- o In addition to offering recycled engine oil to their customers, old oil filters are drained, crushed, and recycled for metal recovery. Waste oil is used to heat the repair shop area, and the unused balance is recycled.
- o Parts are routinely cleaned and recycled as feasible. Brakes are pre-washed with nontoxic cleansers, all dust is then captured in the fluid for safe and proper disposal. Brake fluid, old batteries and metals are recycled. Shock absorbers are drained and the metal recycled as well.
- o Utilizing a filtered parts washer along with a hot water washer (both using environmentally safe products), the accumulated waste is safe enough to be disposed of through the local sewer and garbage systems. This greatly reduces the cost of disposal services previously provided by outside vendors. All of the processes used allow John Morgan Service to maintain its "small quantity generator" status.
- o Technicians routinely clean their work area before beginning their next project. Accidental spills of any kind are immediately cleaned up to prevent accumulated waste in the work areas.

Commitment to Environmental Quality

Acknowledging that their customers expect environmentally responsible automotive service, John Morgan Service maintains an organized and orderly waste management system, a comprehensive employee training program, and a customer-oriented service philosophy to meet such expectations. As a small business with limited capital for major renovations, John Morgan Service has chosen to invest in equipment and procedures that allow substantial recycling along with minimal waste generation. Their commitment to the environment is reinforced through recognition and encouragement of other members of the automotive industry.

Environmental Leadership

John Morgan Service maintains a visible leadership role with respect to environmentally friendly efforts. Active within the regional chapter of the Automotive Service Association, John Morgan has assisted with training and information opportunities on environmental requirements for other members of the automotive industry. Setting the example for responsible waste management and pollution prevention, John Morgan has routinely researched methods for reducing the volume and toxicity of leftover hazardous materials from automotive servicing. He reports back on his findings to his association counterparts, thereby influencing his fellow industry members to try feasible new environmental management techniques in their own facilities. John Morgan Service also participated in the local "Green Service" project now being replaced with the "Enviro Stars" program. This on-going effort promotes recycling along with other phases of environmentally safe procedures.

For more information about John Morgan Service's environmental achievements, contact John Morgan at (360) 734-4610.

The Evergreen Award for Pollution Prevention

EPA's Evergreen Award recognizes outstanding pollution prevention efforts within all sectors of the greater Pacific Northwest business community.

For more information about
Region 10's Evergreen Award for Pollution Prevention, contact:

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